

Fig. 1

1 mawearrepg prraavretv mlllclgvpt grpynvdtcs allyqgphnt lfgysvvlhs
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181 apcyqdyvkk fgenfascqa gissfytcdl ivmgapgssy wtgslfvyni ttnkykafld
241 kqnqvkgfsy lgysvgaghf rsqhttevvg gapqheqigk ayifsideke lnilhemkgk
301 klgsyfgasv cavdlnadgf sdllvgapmq stireegrvf vyinsgsgav mnametnlvg
361 sdkyaarfge sivnlgdidn dgfedvaiga pqeddlqgai yinygradgi sstfsqrieg
421 lqiskslsmf gqsisgqida dnngyvdivav gafdsdsavl lrtpvvivd aslshpesvn
481 rtkfdcveng wpsvoidltl ofsykgkevp gyivlfynms ldvrkaesp prfyfssngt
541 sdvitgsiqv ssreanorth qafmrkdvrđ iltpiqieaa yhlghvisk rsteefpplq
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901 lcnfgkmesg keasvhiqle grpsilemde tsalkfeira tgspenprv ielnkdenva
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1021 swsyinsksn dd

Fig. 2

1 mnlqipifwig lissvccvfa qtdenrcika naksogeciq agpnogwctn stflqegmpt
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241 isgnldspg gfdaimqvav cgsligwrnv trllvfstda gfhfagdgkl ggivlpndgq
301 chlennmytm shyydypsia hlvqklsenn iqtifavtee fqpvykelkn lipksavgtl
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Fig. 3A

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 301 rkevelivqe kpftveispq priaaqigds vmltcsvmgc espfsfswrtq idsplsgkvr
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 421 vtsckvpsv ypldrleiel lkgetileni efledtdmks lenkslemtf iptiedtgka
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Fig. 3B

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 181 tftpviedig kvlvcraklh idemdsvptv rqavkelqvy ispknvisv npstklqegg
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Fig. 4

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Fig. 5

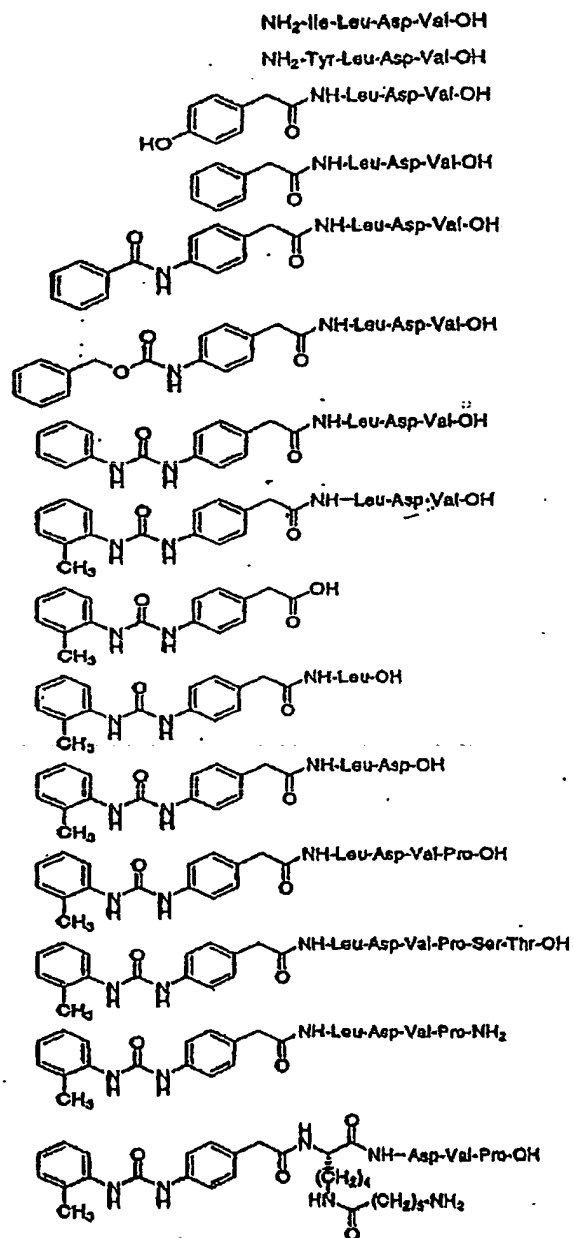


Fig. 6

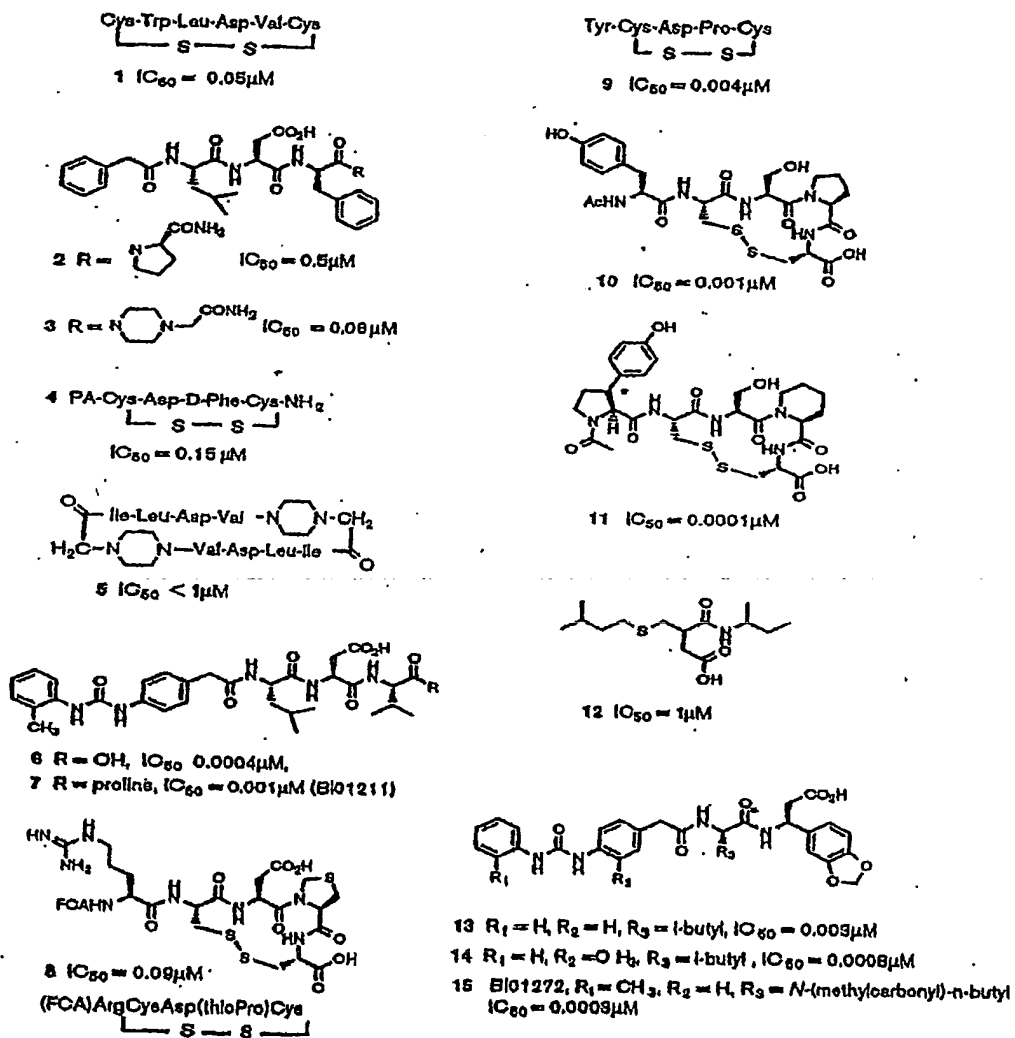


Fig. 7

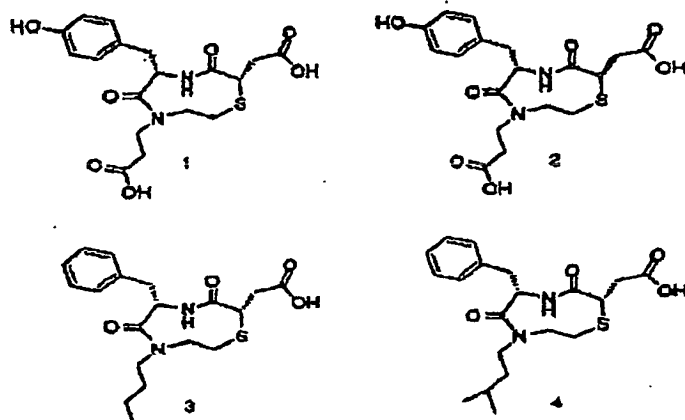


Fig. 8A

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181  aagctcccg  ctggcggcag  aaaccgggag  tggggccggg  cgaagtgcgc  gcacccagg
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Fig. 8B

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Fig. 9A

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Fig. 9B

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Fig. 10A

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2401 tgaaggagg aaatgaatg ccaatggga cacgggtgaa aatcctatt ataagagtgc

Fig. 10B

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2581 ttgccaatggt ttactcatg tgcagggttt gaaaatgtac aatatgtata attttaaaa
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2701 acaggatggt tattctgtc agctaaggtc acattgtgc ttttgacct tttctcctg
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2941 aaggattggt ttaaattctg tattttgcta ttgcctgtt agacatgact gatgacatat
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3481 tcacctacgc gagtcttact ttgagttagt gccataacag accactgtat gtttactct
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Fig. 11

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721 tctgtgacca tgacctgttc cagcaggggt ctaccagctc cagagatttt ctggagtaag
781 aaattagata atgggaatct acagcacctt tctggaaatg caactctcac cttaattgct
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901 agaaaagagg tggaattaat tgtcaagag aaaccattta ctgttgagat ctcccctgga
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1681 aatgcaactc tcacctaat ttctacaaa atggaagatt ctggggttta ttatgtgaa
1741 ggaattaac aggotggaag aagcagaaag gaagtggaat taattatcca agttactcca
1801 aaagacataa aacttacagc ttctcttct gagagtgtca aagaaggaga cactgtcatc
1861 atctcttga catgtgaaa tgttcagaa acatggataa tctgaagaa aaaagcggag
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1981 aaggatcggg gagtatatga atgtgaatct aaaaacaaag ttggctcaca attagaagt
2041 ttaacacttg atgtcaagg aagagaaaac aacaagact attttctcc tgagctctc
2101 gtgctctatt ttgcatctc ottaataata cctgocattg gaatgataat ttactttgca
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Fig. 12A

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241 agtgggtgac acttatgagc gtcctaaaga ctccatgac tgggactgta cctgcacgg
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Fig. 12B

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Fig. 12C

5101 cctgaagtgc actcagggtca caccacacaag cctgagcgcc cagtggacac cacccaatgt
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5221 aatcaacctt gctcctgaca gctcatccgt ggttgatca ggaattatgg tggccacca
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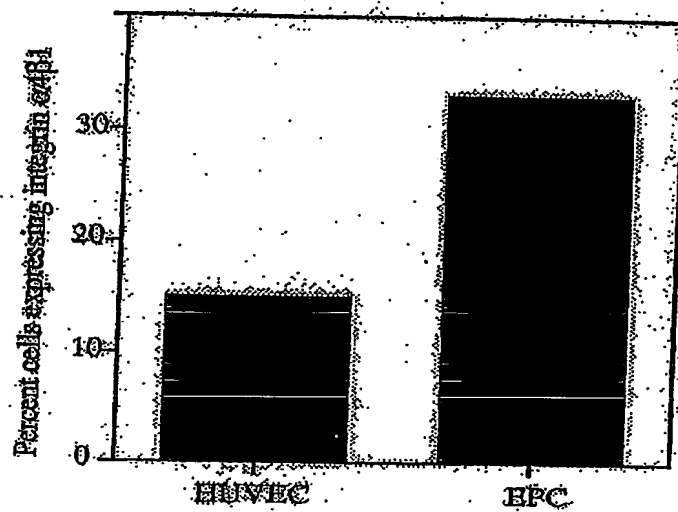


Fig. 13

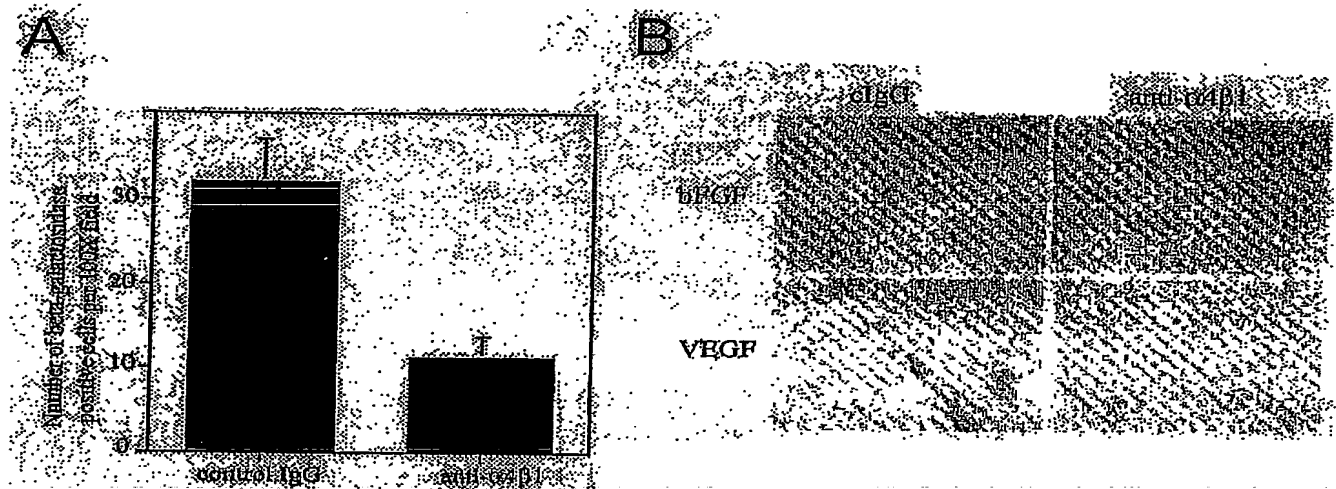


Fig. 14

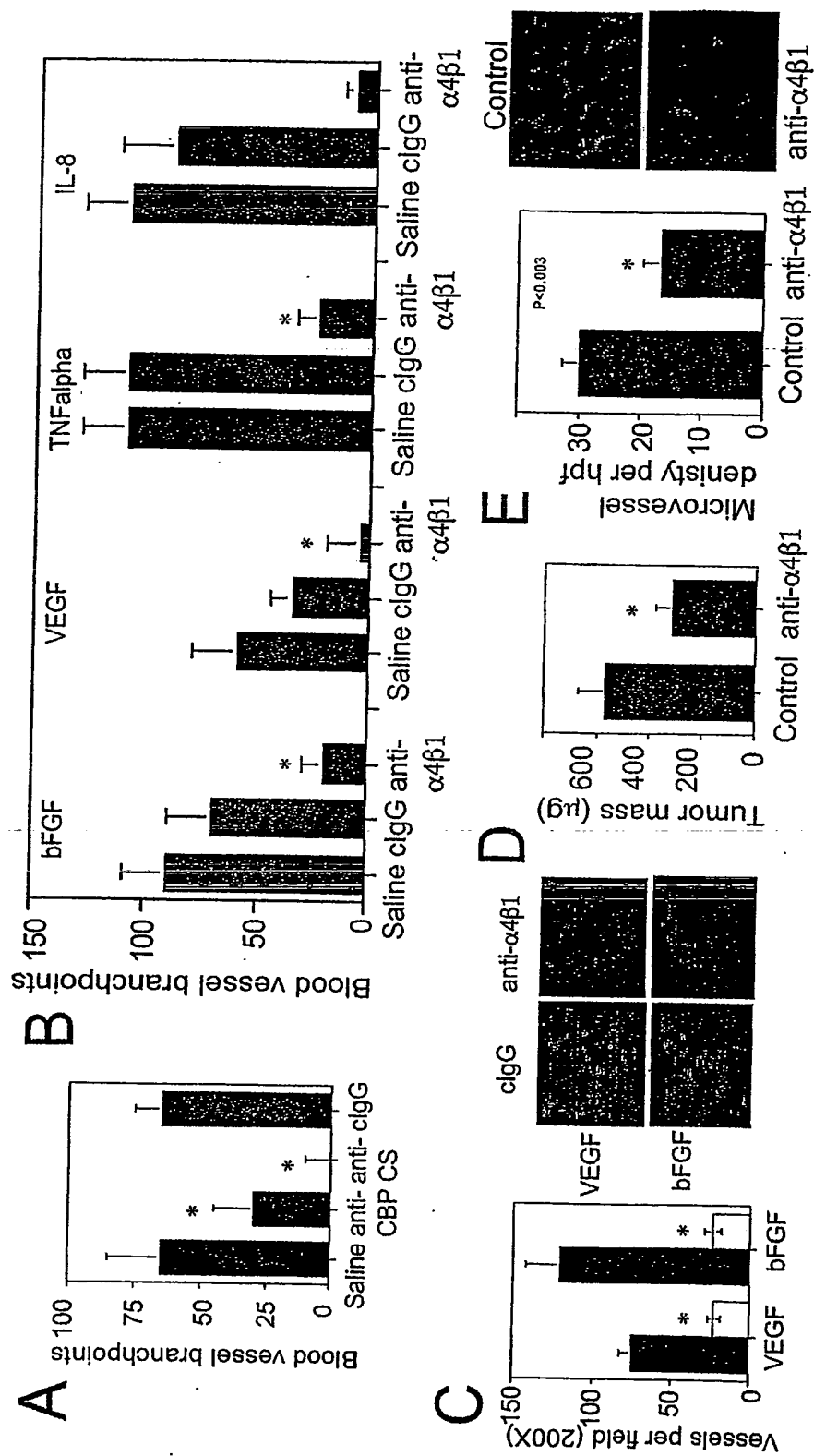


Fig. 15

Fig. 16

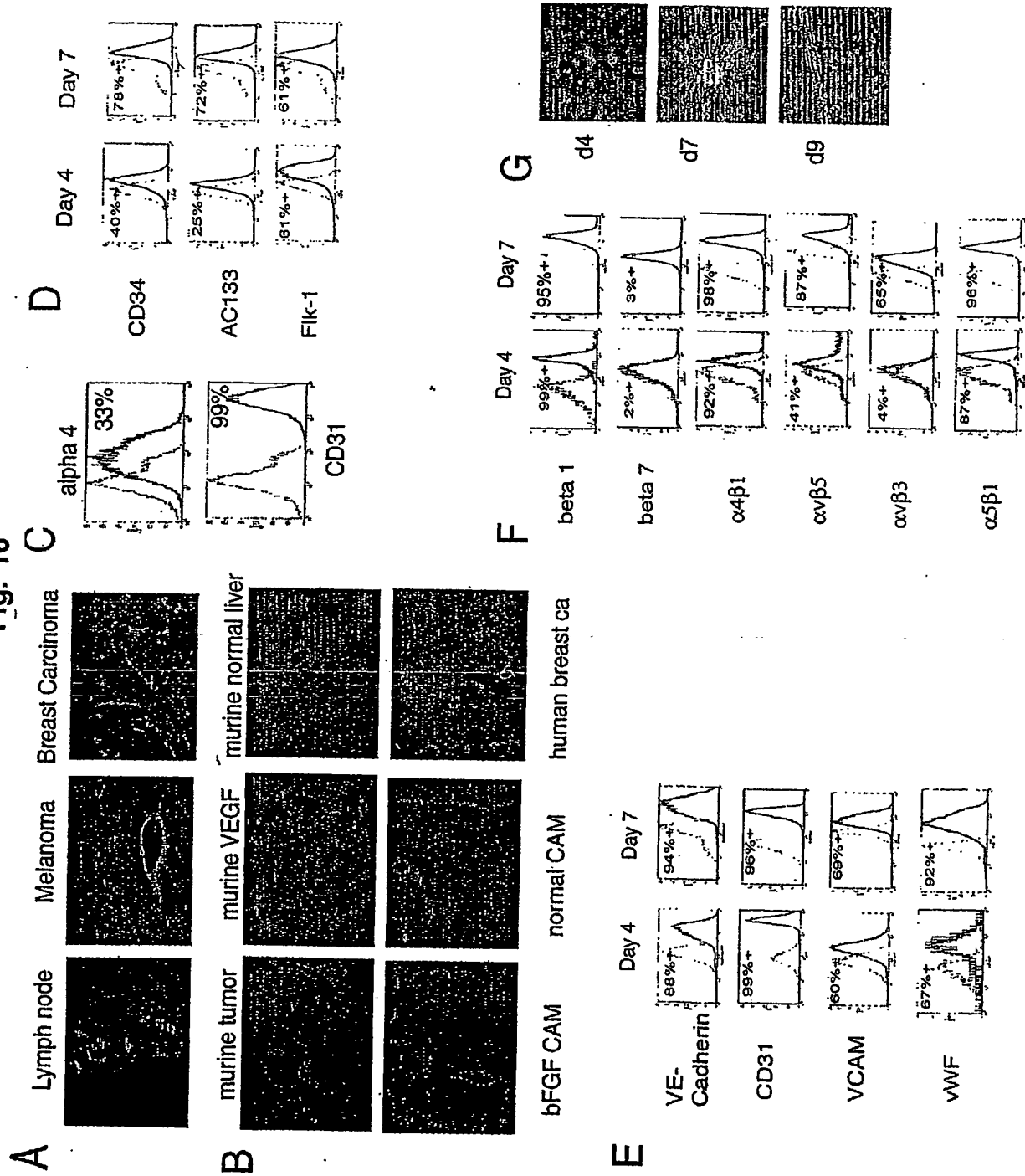


Fig. 17

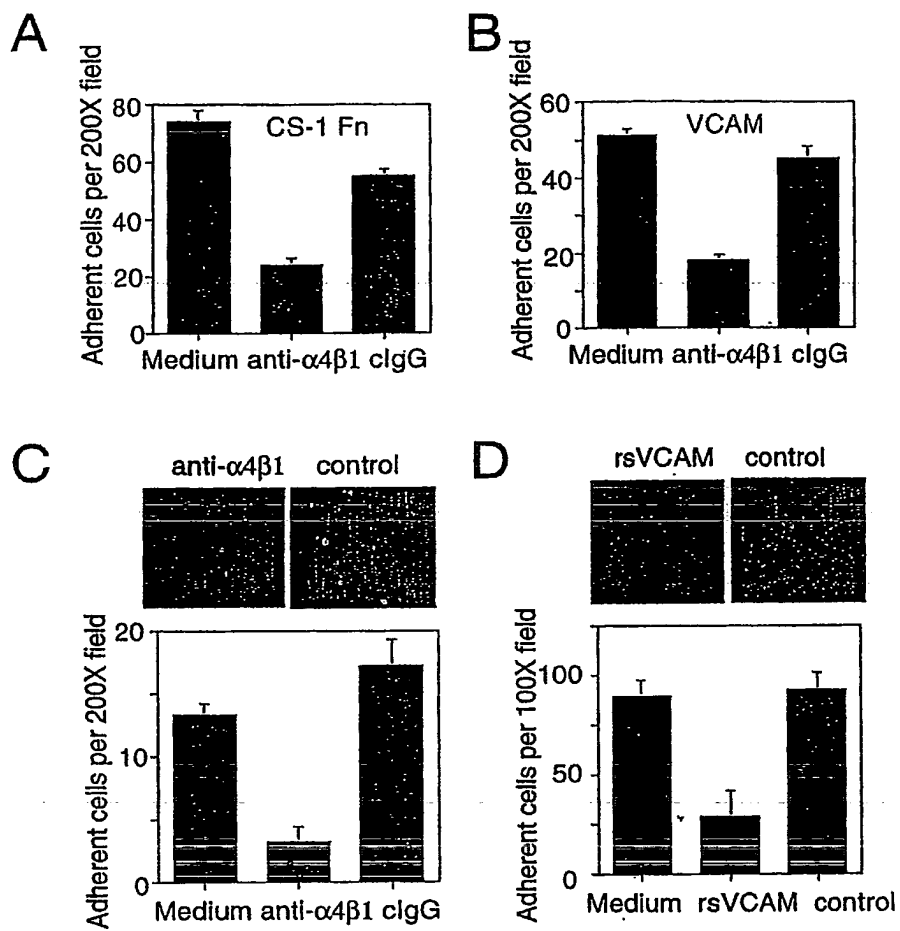


Fig. 18

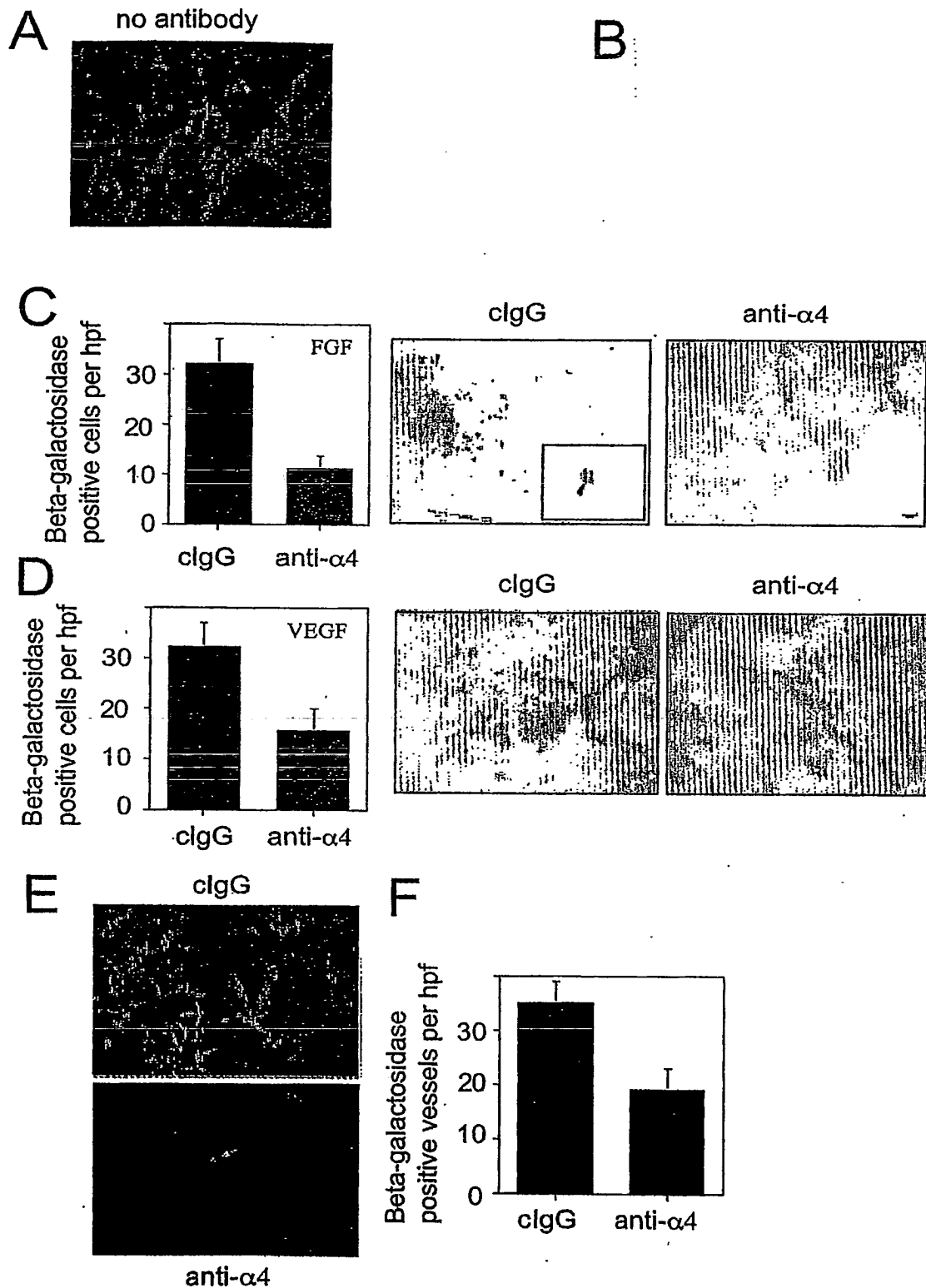


Fig. 19

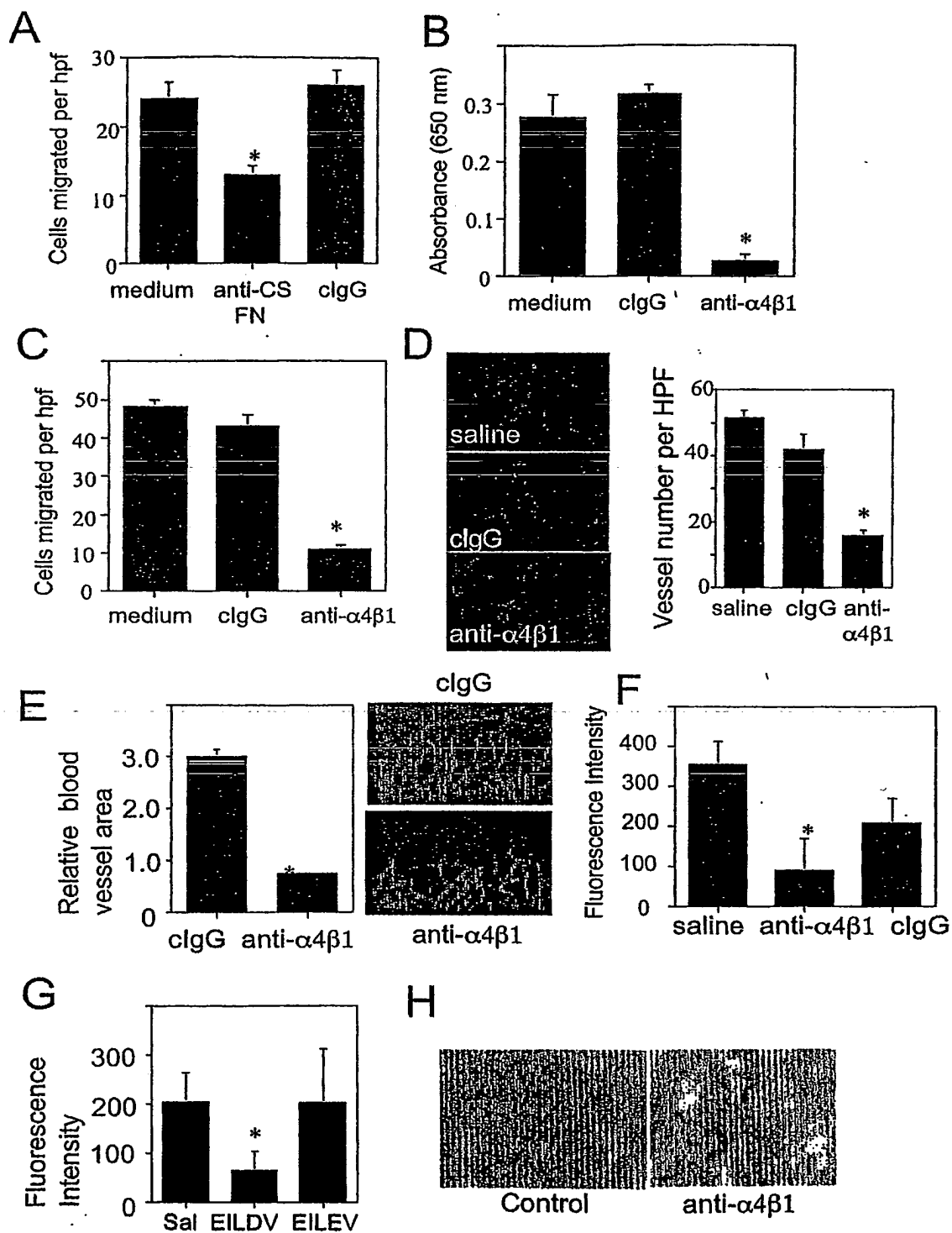


Fig. 20

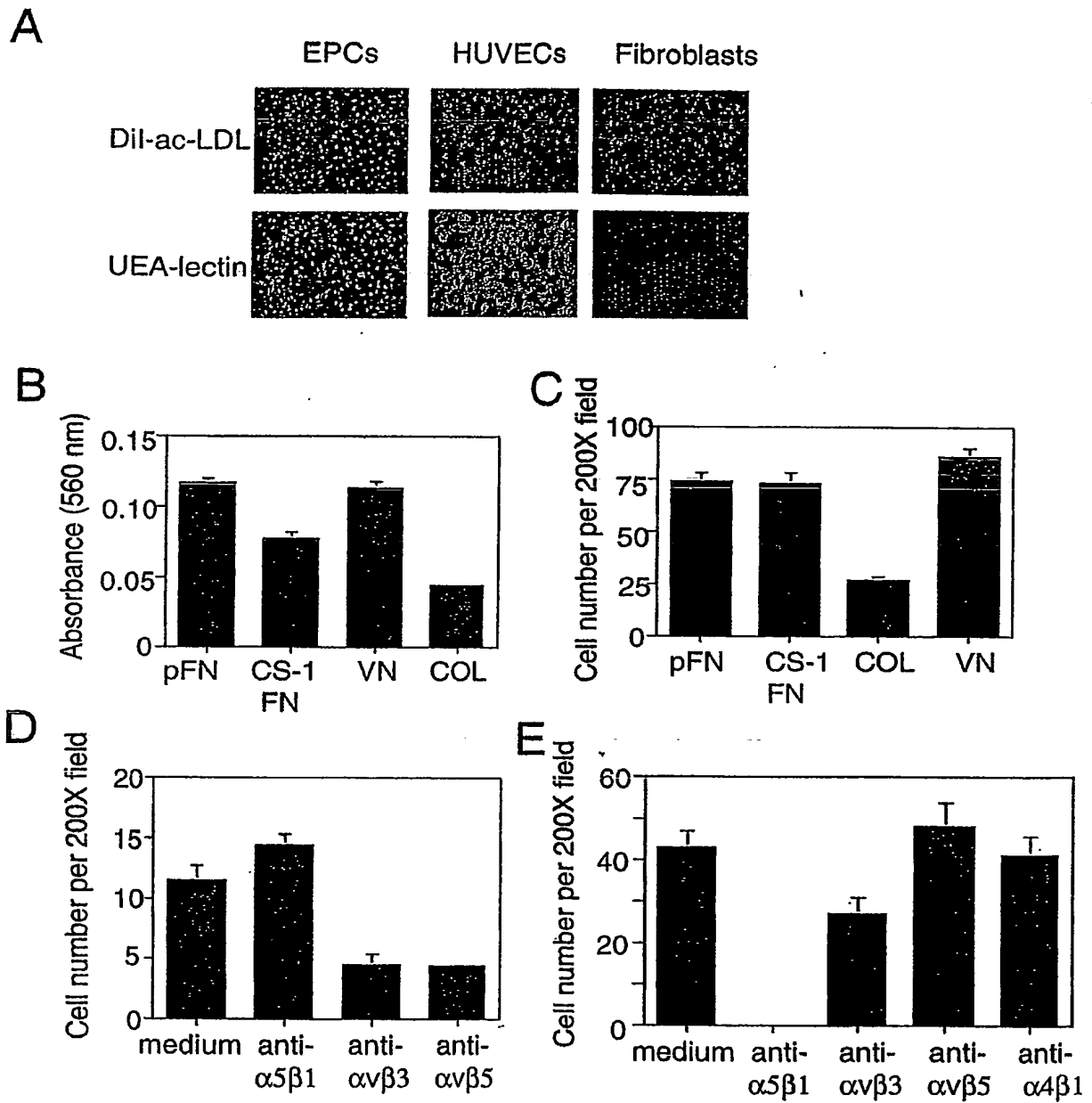


Fig. 21

Endothelial progenitor cells

Bone marrow derived cells that can differentiate into ECs

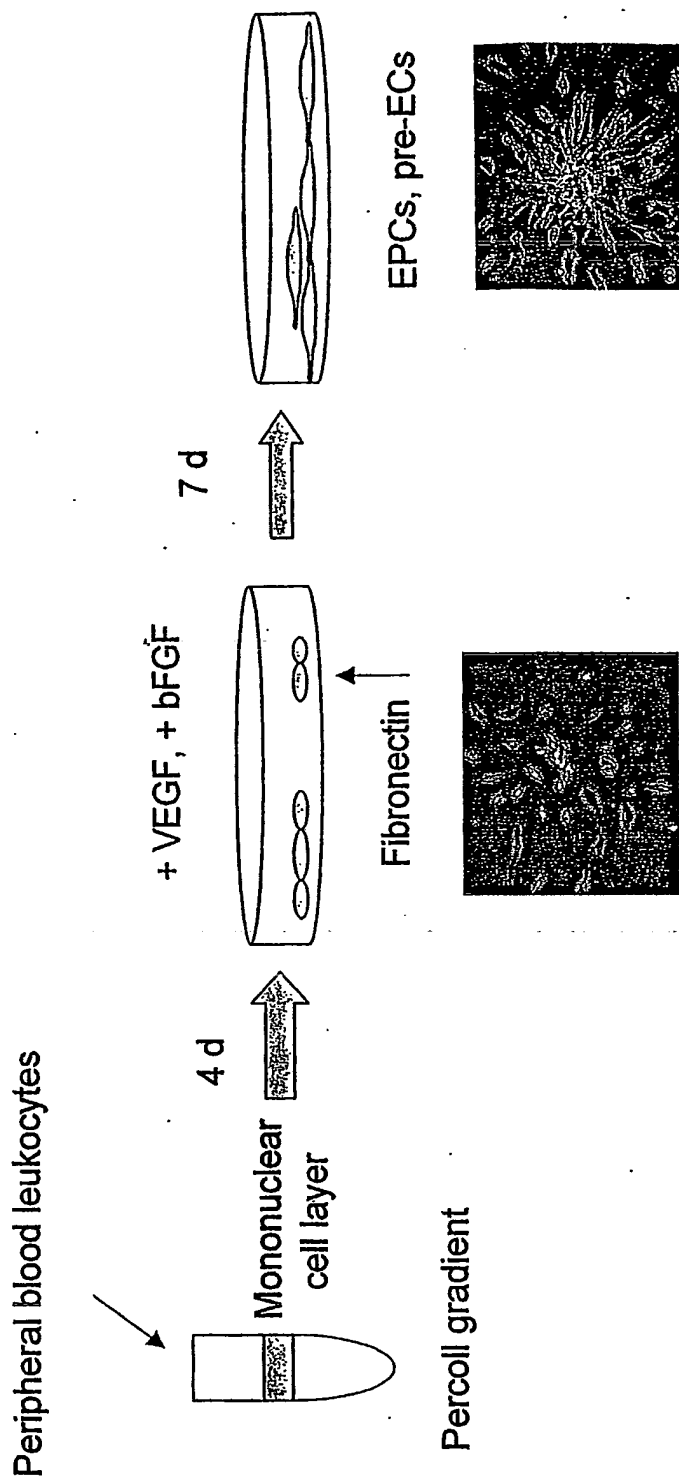


Fig. 22

Integrin $\alpha 4 \beta 1$ appears to be an early
marker of EPCs

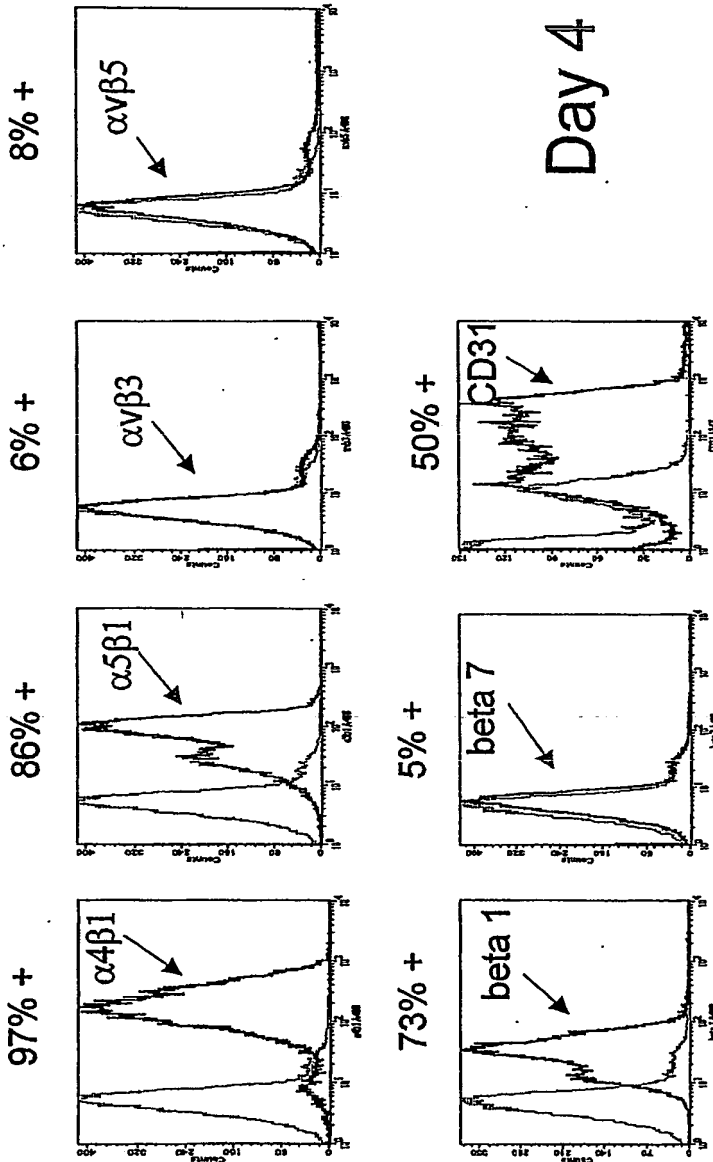


Fig. 23

EPC's remain $\alpha 4 \beta 1$ positive and acquire αv integrin expression

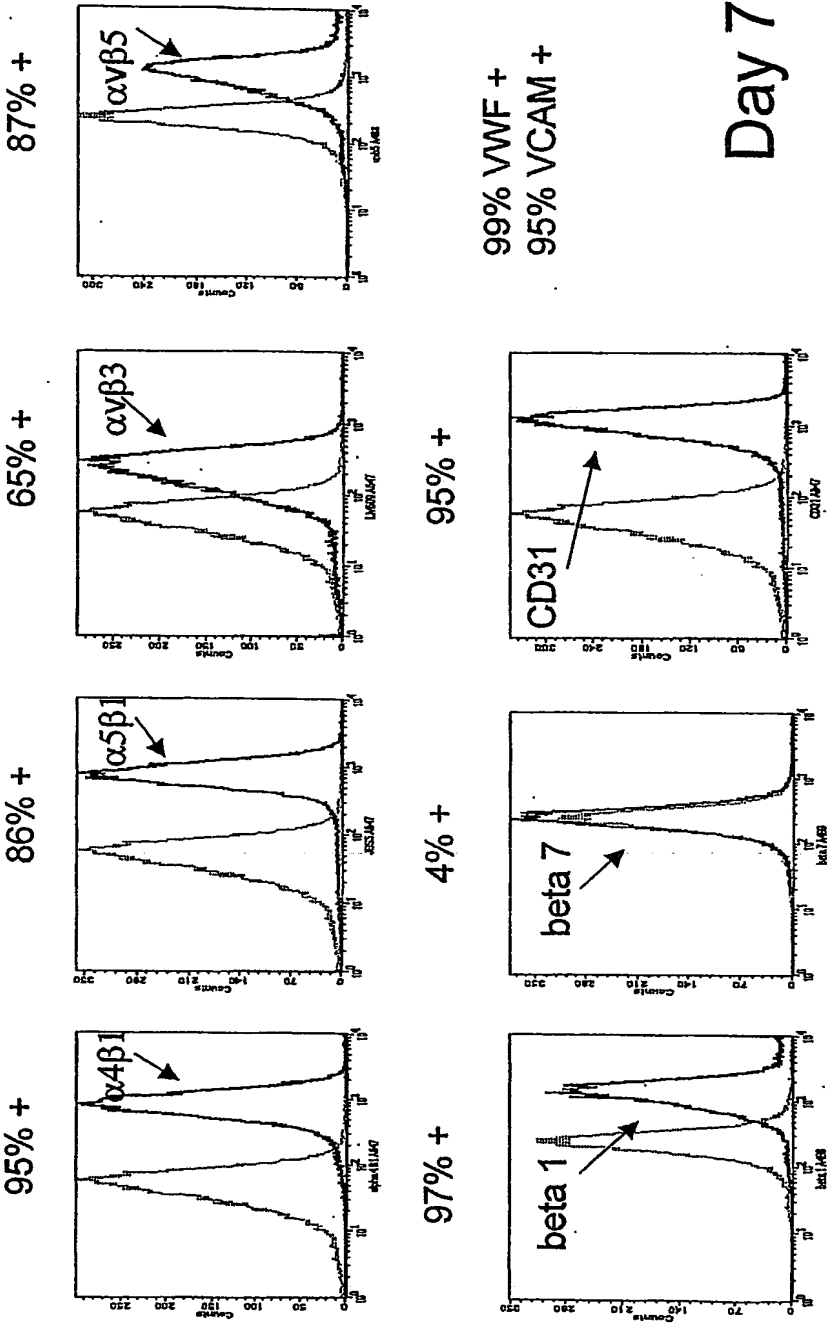


Fig. 24
EPC maturation

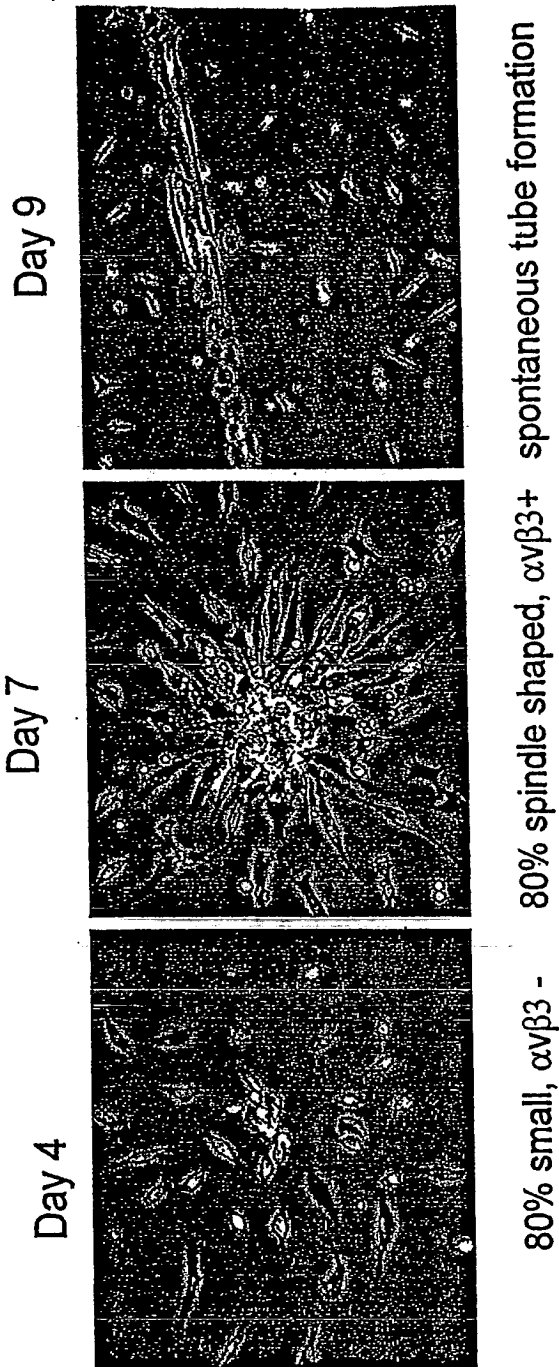


Fig. 25
 $\alpha 4\beta 1$ mediates EPC adhesion to CS-1 fibronectin

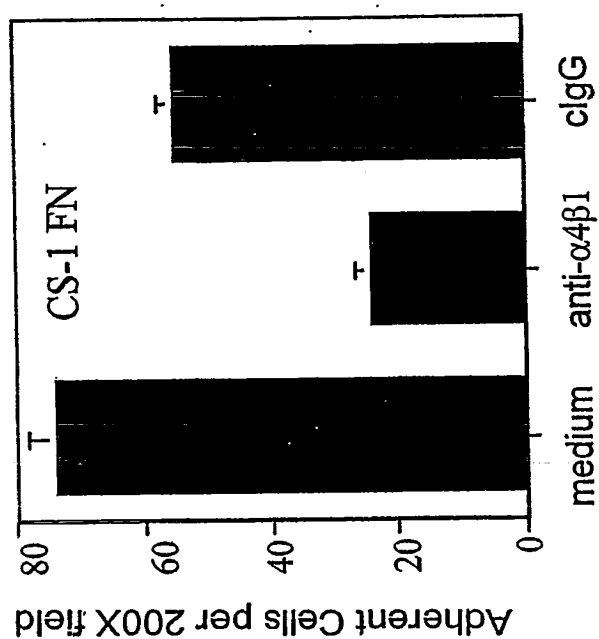


Fig. 26
 **$\alpha 4\beta 1$ mediates EPC adhesion to
rsVCAM**

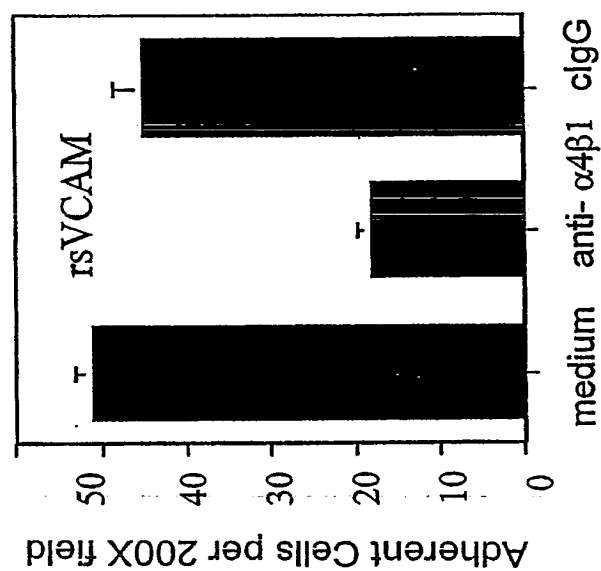
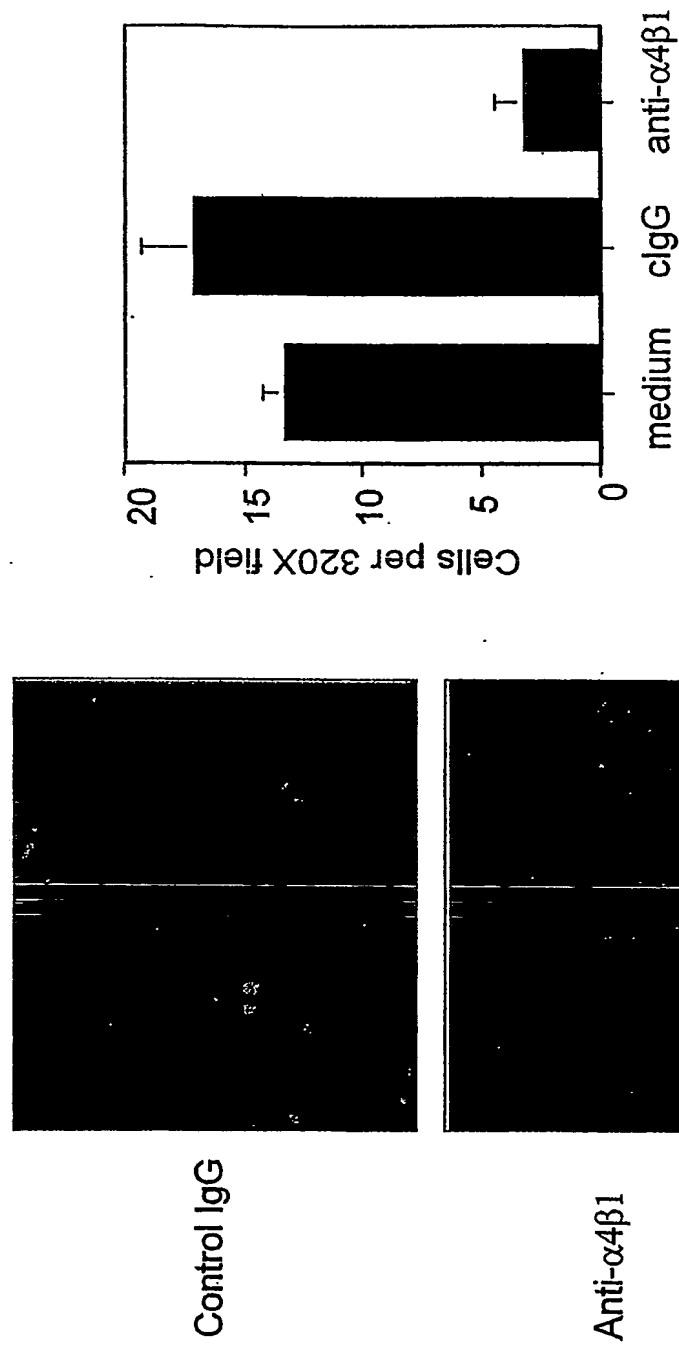


Fig. 27
EPCs adhere to endothelial monolayers
via $\alpha 4\beta 1$



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Fig. 28

EPCs adhere to endothelial monolayers in a VCAM-dependent manner

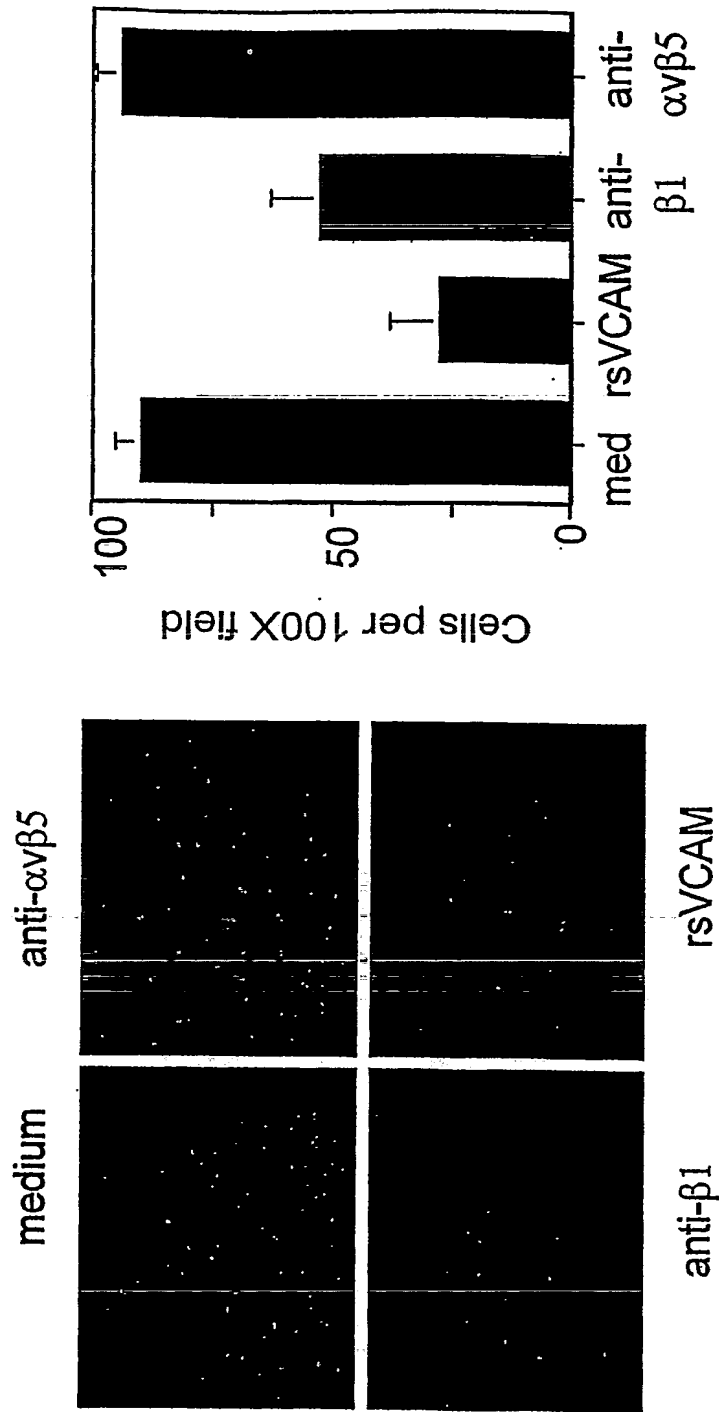


Fig. 29
Tie2 BMT model of stem cell role in
neovascularization

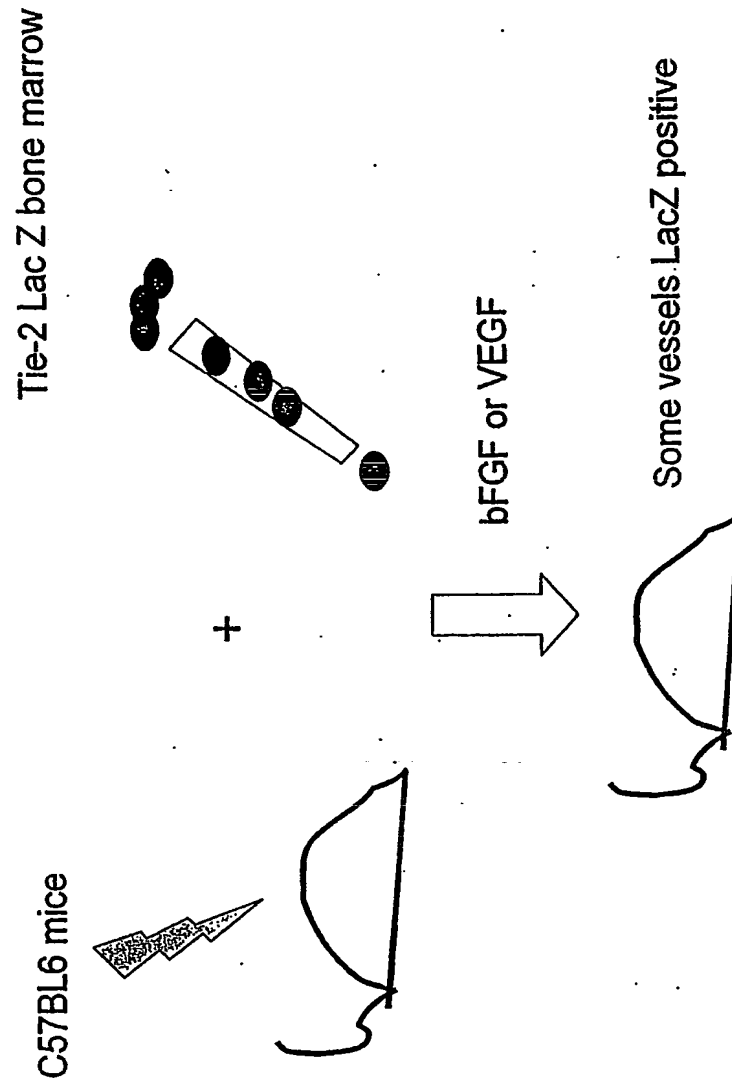


Fig. 30

Antagonists of $\alpha 4\beta 1$ block EPC entry into neovascular beds

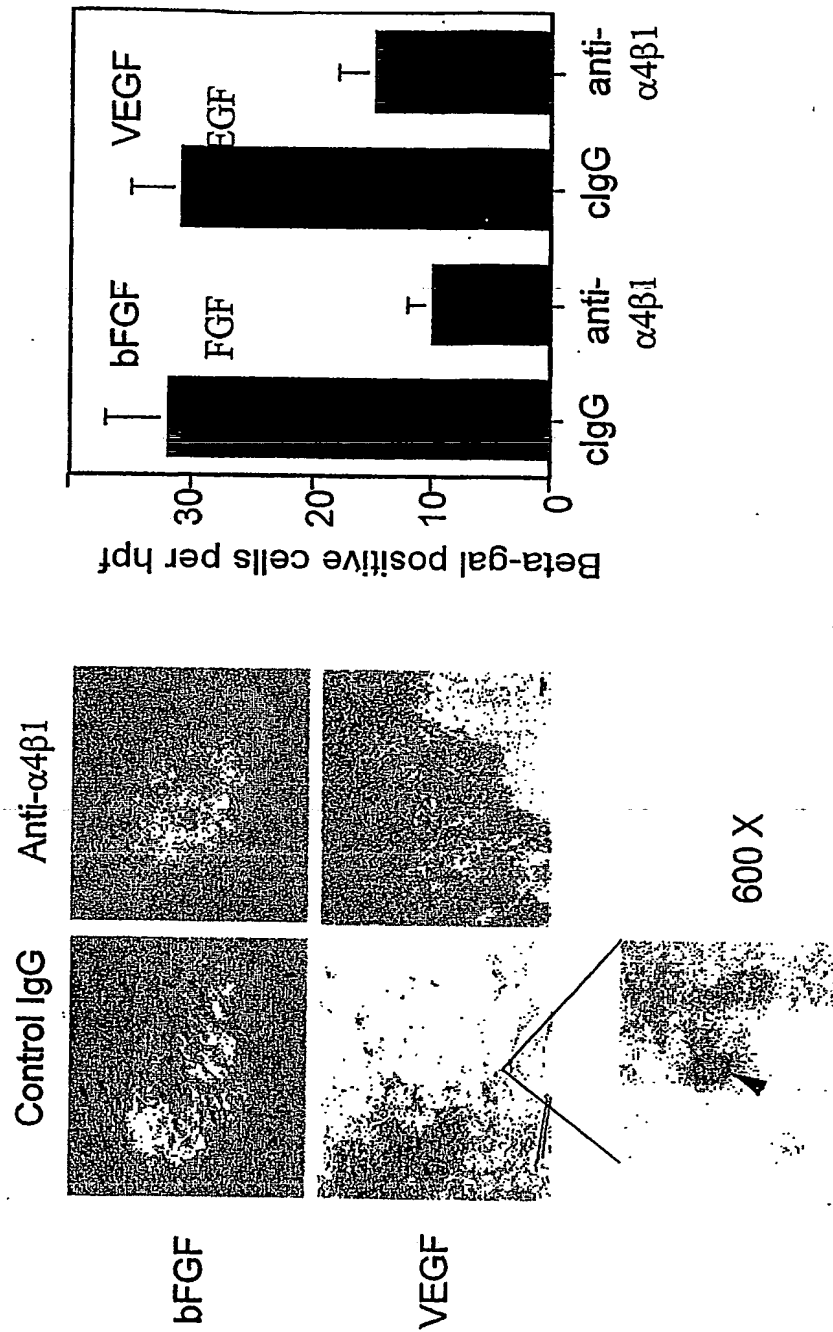


Fig. 31

Integrin $\alpha 4\beta 1$ promotes EPC contributions to angiogenesis *in vivo*

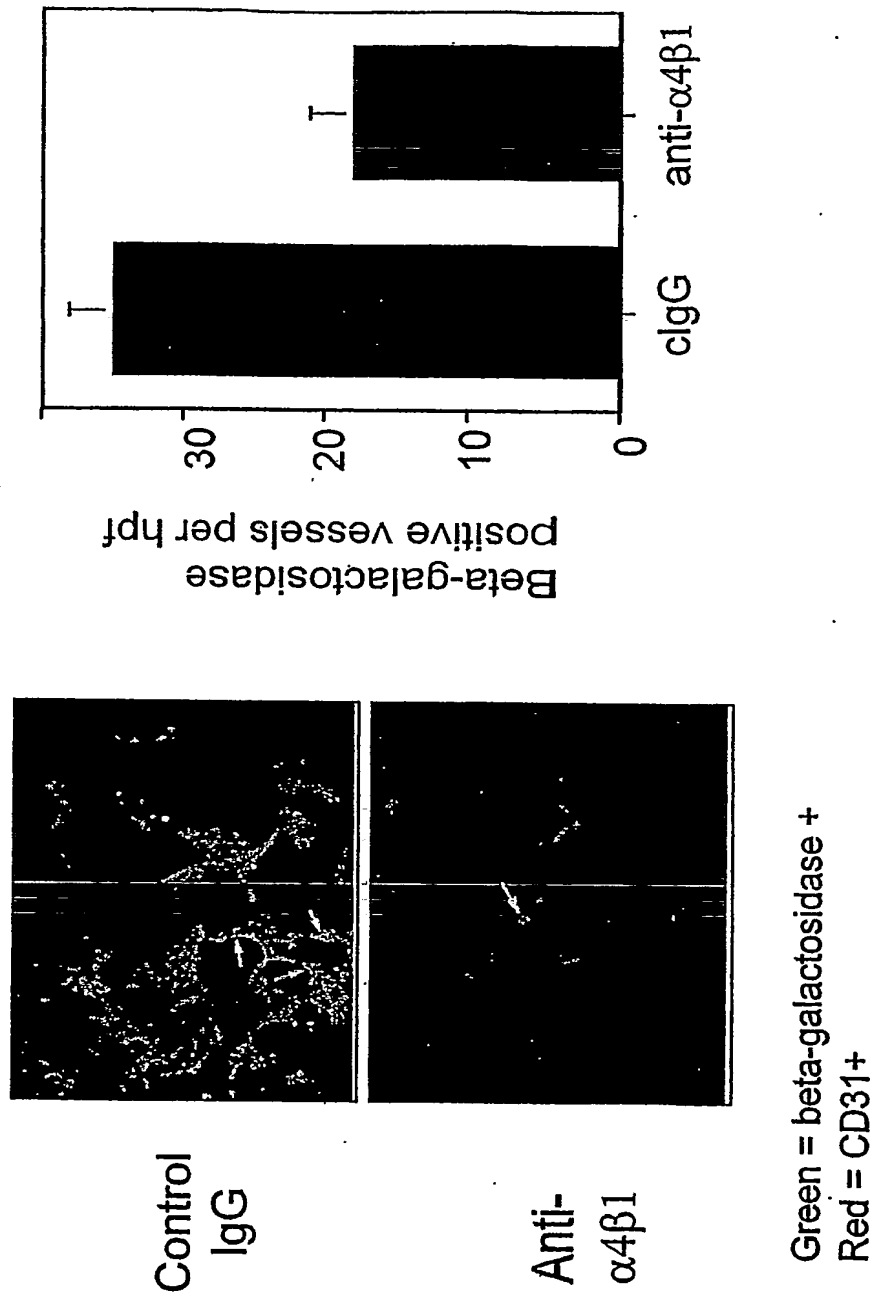


Fig. 32

$\alpha 4\beta 1$ promotes EPC extravasation
and participation in vessel formation

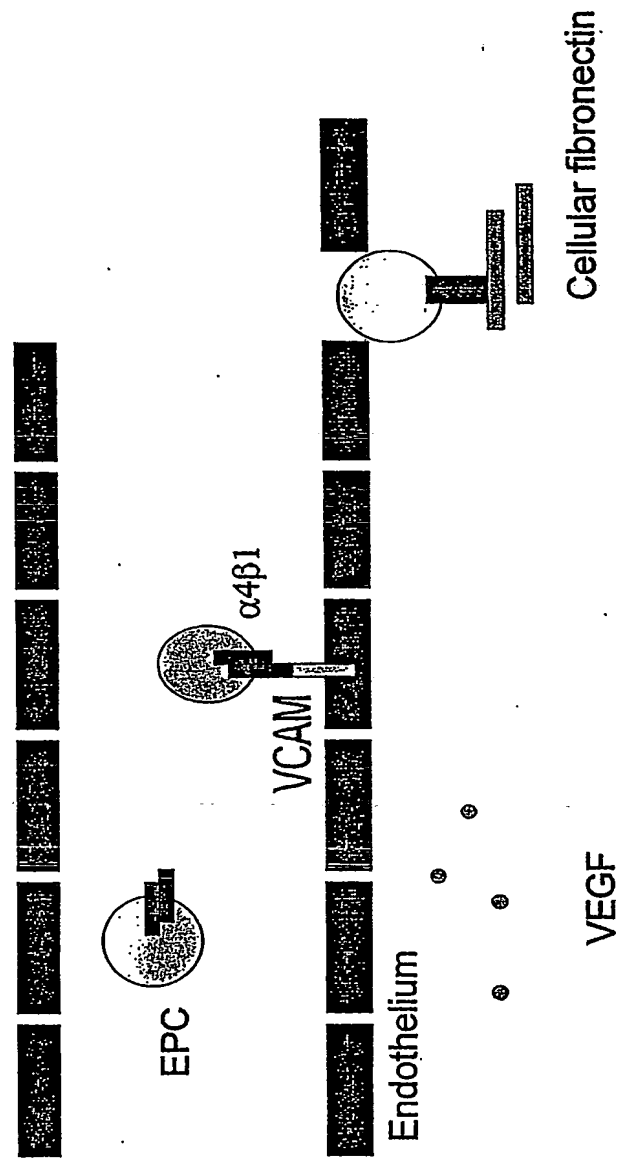


Fig. 33

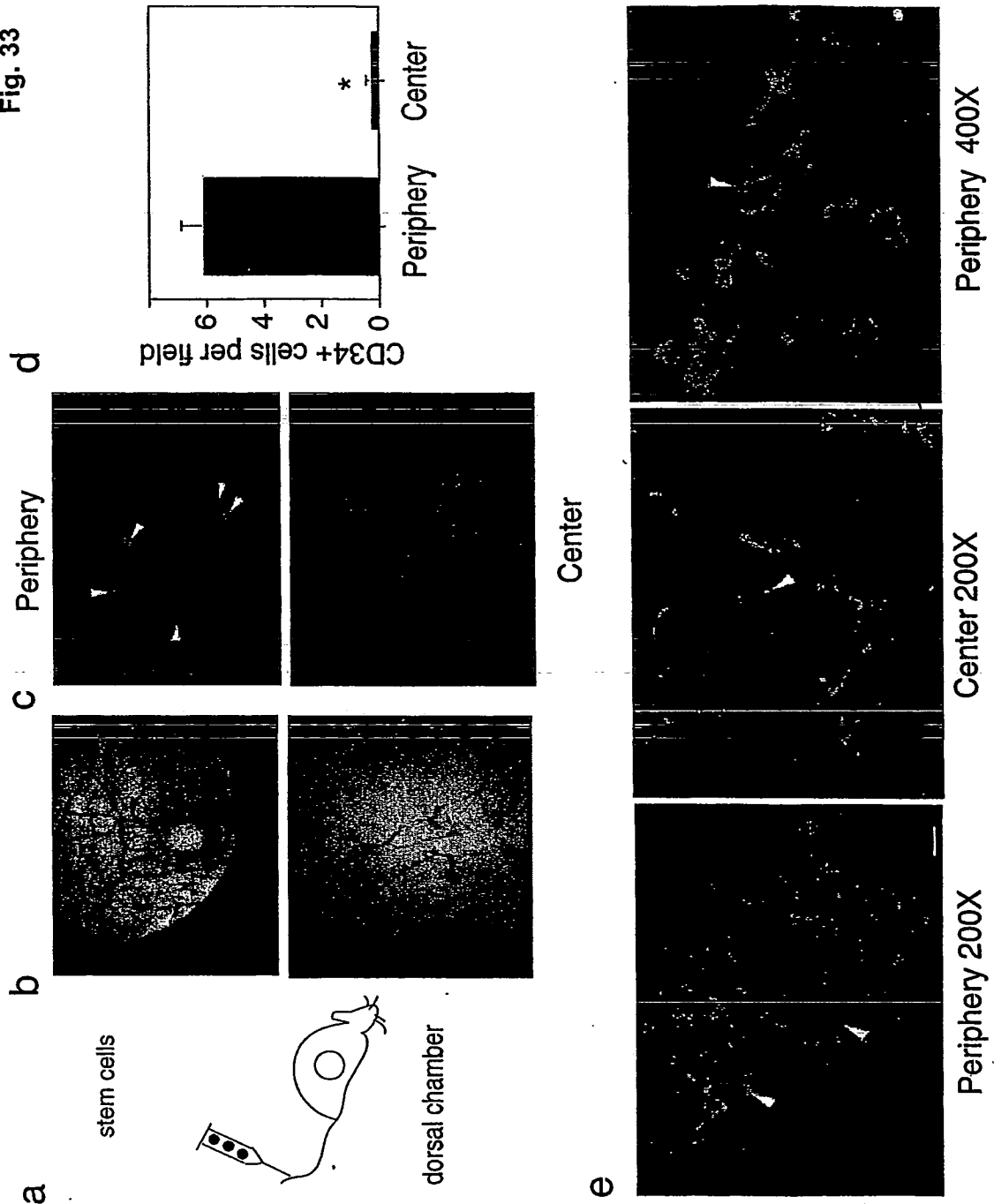


Fig. 34

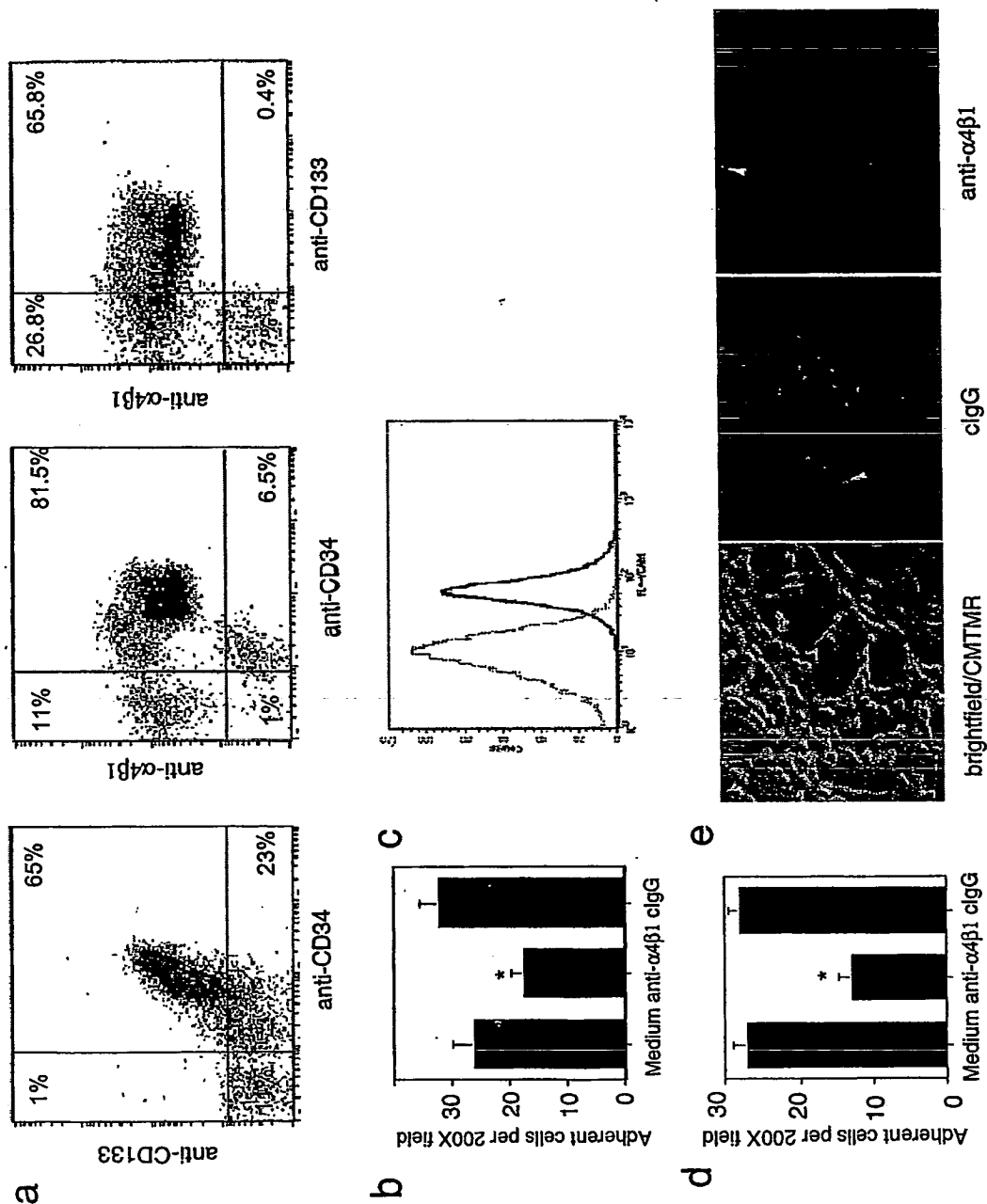


Fig. 35

